

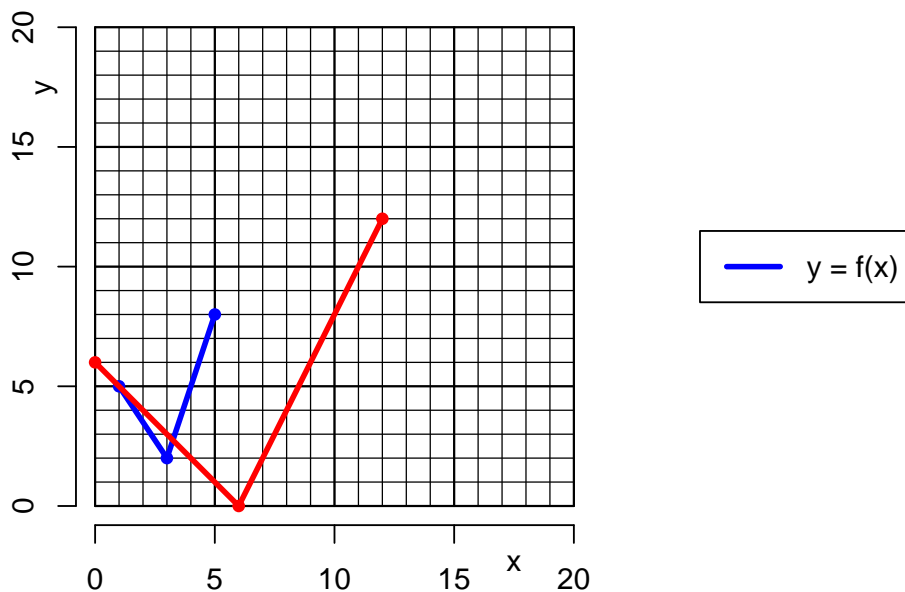
Name: _____

Date: _____

PCW_09_18 Find new points after transformation (version 23)

Question 1

Curve $y = f(x)$ contains points $(1, 5)$ and $(3, 2)$ and $(5, 8)$, as shown on the x - y plane below.

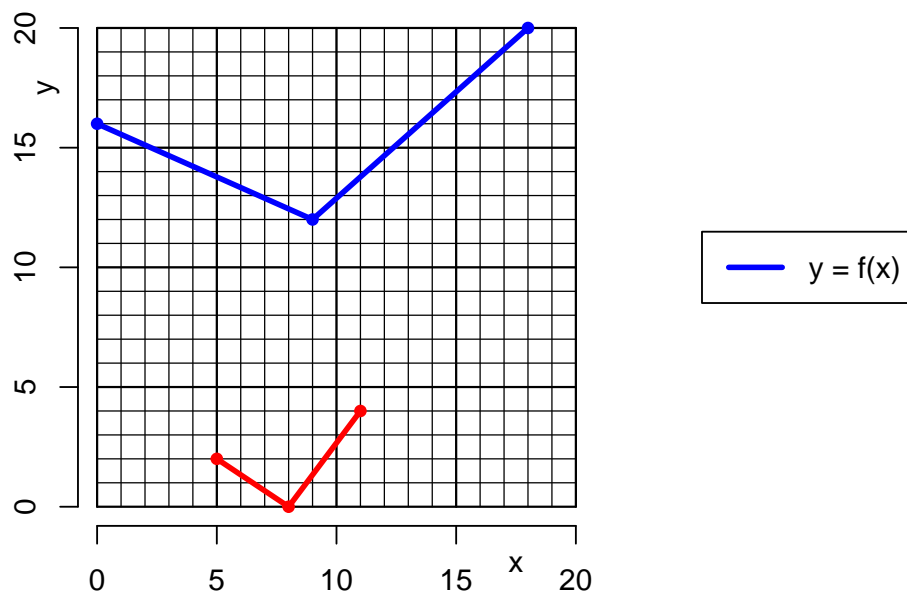


On the same plane, please draw the curve represented by the equation below:

$$y = 2f\left[\frac{x+3}{3}\right] - 4$$

Question 2

Curve $y = f(x)$ contains points $(0, 16)$ and $(9, 12)$ and $(18, 20)$, as shown on the x - y plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3(x-5)]}{2} - 6$$